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### MACHINERY PRODUCTION AND USE INCREASE

**MOSCOW MACHINE-TOOL WORKERS SPEED OUTPUT** -- Moskovskiy Bol'shevik, No 76, 1 Apr 49

Young workers at the Moscow "Krasnyy proletariy" Machine-Tool Building Plant have stepped up production in honor of the 11th Congress of the Komsomol.

On 31 March, one Komsomol lathe operator, who processes steel parts, stepped up his metal cutting 35 percent and completed the norm for two shifts. Adjusters in the brigade of Komsomol Timokhin on the same day tested eight machine tools each and fulfilled their quota 400 percent. Young plant workers issued thousands of rubles worth of goods above the plan during the past 2 days.

Pravda, No 98, 8 Apr 49

Workers of the Moscow "Krasnyy proletariy" Machine-Tool Building Plant, having completed the quarterly plan, have engaged in a pre-May competition. They have decided to complete the 4-month plan by 19 April and to produce several hundred machine tools above plan by 1 May. In addition, they are to put out several new types of highly-productive machines.

KIRGIZ HEAVY INDUSTRY INCREASES -- Sovetskaya Kirgiziya, No 27, 11 Feb 49

The output of Kirgiz heavy industry showed an increase in 1948 of five times or more over 1940. Its percentage of total industrial production rose from 9.6 in 1940 to 31.4 in 1948.

Machine building is a relatively new branch of industry in Kirgiz SSR. Machine-building plants are now manufacturing metal-cutting machines and tools, agricultural machinery, equipment for the sugar industry, and spare parts for tractors and agricultural machines.

The tool plant is doing good work and is fulfilling the year's plan regularly ahead of schedule. However the Agricultural Machinery Plant in Izmail Frunze is not operating satisfactorily, having completed only 98.4 percent of the 1948 plan. Construction of its forge press shop and foundry should be completed during 1949.

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**MACHINE TOOL SHOWS HIGH PERFORMANCE --** Moskovskiy Bol'shevik, No 76, 1 Apr 49

A machine tool for simultaneously cutting and trimming reinforcing rods has been designed by a workman in the machinery plant of the Moscow "Stroitel" Trust.

The machine, operated by a 10-kilowatt motor, puts out 100 rods for reinforced concrete and structures per minute, doing the work of 14-16 workers.

Reinforcing rods up to 16 millimeters in diameter and from 0.3 to 3.6 meters long can be turned out by the machine. The dimensions of the rods being turned out can be changed by shifting a lever.

At present, the machine is making reinforcing rods for construction work in Moscow.

**METAL PLANT INTRODUCES IMPROVEMENTS --** Sovetskaya Latvya, No 45, 24 Feb 49

A technical council has been formed at the "Krasnyy Metallist" Plant in Riga. Several meetings of the council were held under direction of Gavrikov, chief engineer of the plant, to discuss innovations suggested by Stakhanovite workers.

Mechanic Eglit designed an automatic machine tool which performs three metal-working operations simultaneously. The use of this machine will increase the labor efficiency of one worker five times.

A practical suggestion made by Zakis, foreman of the scales department, will give a yearly saving of 26,000 rubles. He invented and introduced a machine tool, with which the graduations on a steel dial of 500-kilogram scales can be engraved quickly and accurately. Several practical suggestions were also submitted by Besbard, foundry mechanic, and others.

During the last few months, about 30 innovations have been introduced into production processes. The technical council has planned a number of projects to be developed by plant innovators and inventors.

**TULA PLANTS OPERATE PROFITABLY --** Pravda, No 98, 8 Apr 49

The Tula Boiler and Fan Plant completed the first-quarter plan ahead of schedule on 20 March. The plant has already released 834,000 rubles from the turnover of working capital.

The Tula Machine-Tool Building Plant released 3.8 million rubles.

**ZAPOROZH'YE PLANT INSTALLS NEW CONVEYOR --** Pravda, No 80, 21 Mar 49

A new conveyor has been installed in the "Kommunar" Plant in Zaporozh'ye. The conveyor will speed up the assembly of combines and increase the productivity of one of the plant's main shops.

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